

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|----------|---|---|------------------|---------|------------------|
| L1 | 2 | "20050070277" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:50 |
| L2 | 2 | "20030157899" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:33 |
| L3 | 24786941 | @ad<="20030930" or @rlad<="20030930" or @ptad<="20030930" or @pt1d<="20030930" or @pt3d<="20030930" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:35 |
| L4 | 14 | ((multi near2 cast) multicast "multi-cast") near3 control\$4 near4 messag\$3) same (pay\$4 bill\$ (subscrip\$\$ near3 (information data)) authenticat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:35 |
| L5 | 12 | L3 and L4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:35 |
| L6 | 92315 | "455"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:35 |
| L7 | 74776 | L6 and L3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:35 |
| L8 | 406 | (multicast near4 messag\$3) with (respons\$4 confirm\$4 acknowledg\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:35 |
| L9 | 35 | L7 and L8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:35 |
| L10 | 24 | (multicast near3 service) same (select\$4 near6 (respons\$4 confirm\$4 acknowledg\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:35 |

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|-----|----------|--|---|----|----|------------------|
| L11 | 19 | L3 and L10 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:35 |
| L12 | 24786941 | @ad<="20030930" or @rlad<="20030930" or @ptad<="20030930" or @pt1d<="20030930" or @pt3d<="20030930" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:35 |
| L13 | 31 | (multicast\$3 adj1 control\$4 adj1 messag\$3) same ((multicast near2 (service rate)) bill\$4 data rate pay\$4 authenitcat\$4 identif\$4 traffic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:35 |
| L14 | 28 | L12 and L13 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:35 |
| L15 | 92315 | "455"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:36 |
| L16 | 74776 | L12 and L15 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:36 |
| L17 | 113 | (multicast\$3 with (control\$4 near3 messag\$3)) same includ\$4 same ((multicast near2 (service rate)) bill\$4 data rate pay\$4 authenitcat\$4 identif\$4 traffic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:36 |
| L18 | 12 | L16 and L17 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:36 |
| S1 | 2 | receiv\$4 same (((multi near2 cast) multicast "multi-cast") near3 control\$4 near4 messag\$3) same (select\$4 near5 (respons\$4 confirm\$4 acknowledg\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 09:32 |
| S2 | 88018 | "455"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 11:36 |

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| S3 | 24583365 | @ad<="20030930" or @riad<="20030930" or @ptad<="20030930" or @pt1d<="20030930" or @pt3d<="20030930" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 11:36 |
| S4 | 72461 | S2 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 09:31 |
| S5 | 43 | receiv\$4 same (((multi near2 cast) multicast "multi-cast") near3 control\$4 near4 messag\$3) same (select\$4 respons\$4 confirm\$4 acknowledg\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 10:37 |
| S6 | 41 | S3 and S5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 09:32 |
| S7 | 2 | (((multi near2 cast) multicast "multi-cast") near3 control\$4 near4 messag\$3) same (select\$4 near5 (respons\$4 confirm\$4 acknowledg\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 12:23 |
| S8 | 2 | (((multi near2 cast) multicast "multi-cast") near3 control\$4 near4 messag\$3) same ((tim\$4 period) near receiv\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 10:41 |
| S9 | 11 | (((multi near2 cast) multicast "multi-cast") near3 control\$4 near4 messag\$3) same (pay\$4 bill\$ (subscrip\$\$ near3 (information data)) authentica\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 10:43 |
| S10 | 10 | S3 and S9 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:35 |
| S11 | 21 | (((multi near2 cast) multicast "multi-cast") near4 messag\$3) same (select\$4 near5 (respons\$4 confirm\$4 acknowledg\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 10:46 |
| S12 | 19 | S11 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 10:46 |

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| S13 | 686 | (multicast near4 messag\$3) same (respons\$4 confirm\$4 acknowledg\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 12:23 |
| S14 | 364 | (multicast near4 messag\$3) with (respons\$4 confirm\$4 acknowledg\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 13:15 |
| S15 | 33 | S4 and S14 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:35 |
| S16 | 20 | (multicast near3 service) same (select\$4 near6 (respons\$4 confirm\$4 acknowledg\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 13:16 |
| S17 | 18 | S3 and S16 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:35 |
| S18 | 40 | xu near2 lin.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 15:51 |
| S19 | 39 | S18 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 11:20 |
| S20 | 2 | "20030172165" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 17:51 |
| S21 | 2 | "20050070277" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 11:29 |
| S22 | 2 | "20040037237" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 11:31 |

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|-----|----------|--|---|----|----|------------------|
| S23 | 66 | (multicast\$3 near3 control\$4 near3 messag\$3) with ((multicast near2 (service rate)) bill\$4 data rate pay\$4 authenitcat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 11:49 |
| S24 | 24583365 | @ad<="20030930" or @rlad<="20030930" or @ptad<="20030930" or @pt1d<="20030930" or @pt3d<="20030930" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 12:06 |
| S25 | 88018 | "455"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 11:36 |
| S26 | 72461 | S24 and S25 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 11:36 |
| S27 | 64 | S23 and S24 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 11:37 |
| S28 | 37 | (multicast\$3 adj3 control\$4 adj3 messag\$3) with ((multicast near2 (service rate)) bill\$4 data rate pay\$4 authenitcat\$4 identif\$4 traffic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 13:03 |
| S29 | 35 | S24 and S28 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 11:56 |
| S30 | 15 | (multicast\$3 adj1 control\$4 adj1 messag\$3) with ((multicast near2 (service rate)) bill\$4 data rate pay\$4 authenitcat\$4 identif\$4 traffic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 12:04 |
| S31 | 29 | (multicast\$3 adj1 control\$4 adj1 messag\$3) same ((multicast near2 (service rate)) bill\$4 data rate pay\$4 authenitcat\$4 identif\$4 traffic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 12:13 |
| S32 | 15 | S31 and S23 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 12:04 |

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| S33 | 27 | S24 and S31 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:35 |
| S34 | 56 | (multicast\$3 adj1 control\$4 adj1 messag\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 12:13 |
| S35 | 56 | (multicast\$3 adj1 control\$4 adj messag\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 12:13 |
| S36 | 62 | (multicast\$3 adj1 control\$4 adj2 messag\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 12:22 |
| S37 | 56 | S24 and S36 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 12:14 |
| S38 | 104 | (multicast\$3 adj2 control\$4 adj3 messag\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 12:58 |
| S39 | 96 | S24 and S38 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 12:23 |
| S40 | 87 | (multicast\$3 adj2 control\$4 adj3 packet\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 12:59 |
| S41 | 74 | S24 and S40 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 12:59 |
| S42 | 106 | (multicast\$3 with (control\$4 near3 messag\$3)) same includ\$4 same ((multicast near2 (service rate)) bill\$4 data rate pay\$4 authenitcat\$4 identif\$4 traffic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 13:39 |

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|-----|-----|--|---|----|----|------------------|
| S43 | 12 | S26 and S42 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:36 |
| S44 | 662 | (multicast\$3 near3 messag\$3) same includ\$4 same ((multicast near2 (service rate)) bill\$4 data rate pay\$4 authenitcat\$4 identif\$4 traffic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 13:39 |
| S45 | 226 | (multicast\$3 near3 messag\$3) with includ\$4 with ((multicast near2 (service rate)) bill\$4 data rate pay\$4 authenitcat\$4 identif\$4 traffic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 13:49 |
| S46 | 28 | S26 and S45 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 13:40 |
| S47 | 211 | S45 and S24 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 13:49 |
| S48 | 59 | (multicast\$3 near3 messag\$3) with includ\$4 with ((multicast near2 (service rate)) bill\$4 data rate pay\$4 authenitcat\$4 identif\$4 traffic) same control\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 13:50 |
| S49 | 174 | (multicast\$3 near3 messag\$3) same includ\$4 same ((multicast near2 (service rate)) bill\$4 data rate pay\$4 authenitcat\$4 identif\$4 traffic) same control\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 16:11 |
| S50 | 164 | S24 and S49 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 13:50 |
| S51 | 2 | "20030172165" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 18:14 |
| S52 | 2 | "20030157899" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 18:15 |

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|-----|---|---------------|---|----|----|------------------|
| S53 | 2 | "6684081".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 19:06 |
| S54 | 2 | "20030172165" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 19:33 |
| S55 | 3 | "6684081" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 16:33 |
| S56 | 2 | "6684081".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 18:50 |